

**EMERGENCY VEHICLE TECHNICIAN  
STUDY GUIDE**

A written examination for the class of **EMERGENCY VEHICLE TECHNICIAN** to be administered in **SHREVEPORT** on **MAY 4, 2009**, will consist of approximately **100** multiple-choice questions. The examination will test your knowledge in the following subject areas:

<b>SUBJECT AREA/KNOWLEDGE</b>	<b>APPROXIMATE % OF EXAM</b>
<b>SUSPENSION AND BRAKE SYSTEMS</b>  Knowledge of suspension and brake systems sufficient to perform maintenance, make repairs, or adjust the systems when needed.	14.0%
<b>COOLING AND LUBRICATION SYSTEMS</b>  Knowledge of cooling systems sufficient to perform maintenance and repair when needed. Knowledge of the lubrication system sufficient to repair and perform maintenance as needed.	14.0%
<b>DRIVE TRAIN SYSTEMS</b>  Knowledge of drive train systems sufficient to perform maintenance, repairs or adjustments to the system when needed.	8.0%
<b>FUEL SYSTEM</b>  Knowledge of fuel system sufficient to perform maintenance, repairs or adjustments to the system when needed.	7.0%
<b>ELECTRICAL SYSTEM</b>  Knowledge of electrical system sufficient to perform maintenance, repairs, or adjustments to the system when needed.	8.0%
<b>ENGINE MECHANICS</b>  Knowledge of gasoline and diesel engines sufficient to perform diagnosis of mechanical problems and to perform maintenance and repair.	14.0%

SUBJECT AREA/KNOWLEDGE	APPROXIMATE % OF EXAM
<b>GENERAL AUTOMOTIVE MAINTENANCE, REPAIRS, INSTRUMENTS AND TOOLS</b>  Knowledge of general automotive equipment sufficient to troubleshoot, diagnose and repair malfunctioning components, including the use and care of instruments and tools.	14.0%
<b>MANAGING EQUIPMENT/PROPERTY/SUPPLIES</b>  Knowledge of the management and maintenance of equipment, property, and supplies, including verifying that equipment is tested and meets applicable standards.	7.0%
<b>RECORDS AND REPORTS</b>  Knowledge of effective records-keeping practices, including preparation, and retention; and knowledge of effective report preparation procedures, including the compilation and organization of data into an effective written format for reports.	7.0%
<b>PUBLIC RELATIONS</b>  Knowledge of effective public relations practices which foster a positive public image of the department through contact with the media, other agencies, and the public.	7.0%

### REFERENCE LIST

While the entire list of reference material will be useful to you in your preparation for the upcoming examination, the **majority** of test questions are sourced from those references listed under the Primary List.

### PRIMARY REFERENCE MATERIAL

**MODERN AUTOMOTIVE TECHNOLOGY**, James E. Duffy, The Goodheart-Willcox Co., Inc., 2004.

**EFFECTIVE SUPERVISORY PRACTICES**, International City Management Association (ICMA), 1120 G Street, N.W., Washington, D.C. 20005, 4th ed., 2005.

**NOTE: Obtain through LSU Firemen Training Program or IFSTA Fire Protection Publications.**

The local civil service board should make this study guide available to all applicants in whatever manner

the board deems appropriate.

While there are no provisions requiring this office to provide study guides for any competitive or promotional examinations, such material will be provided as a service to assist applicants in preparing for an examination. The State Examiner's office has no control whatsoever over the local availability of reference material(mentioned in the study guides), nor do we feelconstrained to limit examination questions to only that material which is available locally. Examination content, weighting of subject areas, and length of examination, may vary with each administration of an examination to reflect any updated job analysis information. Percentages and numerical estimations are provided as approximations.